

GPLHS Syllabus

Description

Algebra
Required

Mr. Jaeger
One Unit

Algebra is the most important math class you will take in high school. No future math can be done well unless you are proficient in algebra. We will study linear equations, polynomials, graphing, factoring, and much more.

Textbook: Algebra 1, Glencoe/McGraw Hill, 2010.

Materials: TI 84 Graphing Calculator

Notebook

Pencil

Objectives

The student will

- Learn the difference between expressions, equations and functions.
- Explore rational numbers and work with them.
- Learn to solve linear equations.
- Learn to use proportional reasoning.
- Learn to graph relations and functions.
- Learn to analyze linear equations and write them in various forms.
- Learn to solve linear inequalities.
- Learn to solve systems of linear equations and inequalities.
- Explore monomials and polynomials.
- Learn to factor polynomials.

Methods The primary method of instruction for this course will be direct instruction with student practice and discussion. Other methods will include small group work, cooperative learning and student board work.

Evaluation

Quarter grade

- 1) 20% daily assignments
- 2) 40% quizzes
- 3) 40% tests

Semester grade

- 1) 80% semester work
- 2) 20% semester test

